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APPARATUS FOR SULFUR MICRODETERMINATION:
COMMUNICATION 4 (Apparatura dlya
Mikroopredeleniya Sery; Soobshchenie 4). [1962]
[9]p. (foreign text included) 3 refs.
Order from OTS or SLA \$1.10 62-10579

Trans. of mono. Obmen Opytom i Tekhnika
Laboratornoi Raboty (Exchange for Experiments and
Technical Laboratory Work) n.p., n.d., p. 754-756.

DESCRIPTORS: *Sulfur, Microanalysis, *Laboratory
equipment, Determination.

(Chemistry--Analytical, TT, v. 8, no. 12)

I. Korshun, M. O.
II. Gel'man, N. E.
III. Title: Exchange...

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II. Shilov, G. E.
III. Academic Press, Inc.,
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Office of Technical Services

Dissemination of Experience of the Leading Workers
in the Photogrammetric Industry, by N. T. Zavarza, 79 pp.

Full tr

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Analysis of Fluctuations Induced in a Reactor,
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301,118

Anfimova, E. A., Glembovskii, V. A., and
Dokshina, I. D.

FLOTATION METHODS OF PROCESSING: THE
FLOTATION PROPERTIES OF SMITHSONITE. [1961]
[7 p., 2 figs., Varian Spring Lab. Transl. NT844;
DSIR LLLU M.3193]
Order from OTS or SLA \$1.10 61-28132

Trans. from monn. Obogashchenie Poleznykh
Iskopaemykh (Mineral Dressing) Moscow, 1960,
sect. 1, chap. 3

DESCRIPTORS: *Flotation, Processing, Minerals,
Reagents, *Zinc compounds, Carbonates, Ores,
*Sodium compounds, Sulfides.

The best medium for floating smithsonite is a weakly
alkaline one (pH = 7.4 - 8.0). When the sulphidation
temperature is 60-65° the optimum hydrogen ion con-
centration range is displaced towards a more neutral
(Metallurgy, TT, vol. 6, no. 11) (over)

61-28132

- I. Title: Smithsonite
- I. Anfimova, E. A.
- II. Glembovskii, V. A.
- III. Dokshina, I. D.
- IV. Title: Flotation properties...
- V. Title: Mineral...
- VI. DSIR NT-844
- VII. DSIR LLLU M. 3193
- VIII. Department of Scientific
and Industrial Research
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Glembotskii, V. A. and Pikkat-Ordynakaya, A. P.
 FLOTATION METHODS OF PROCESSING: THE
 RATE OF REACTION OF COLLECTORS WITH
 SULPHIDE MINERALS. (1961) (4p. 4 refs. Warren
 Spring Lib. Trans; NT 843; [DSIR LLU] M3192.
 Order from OTS or SLA \$1.10 61-28134

Trans. from mono; Obogashchene Poleznykh
 Iskopennykh (Mineral Dressing) Moscow, 1960,
 sect. 1, chap. 3

DESCRIPTORS: *Flotation, Processing, *Sulfides,
 Minerals, Oxidation, Chemical reactions, Reagents,
 *Lead compounds.

The rate of reaction of collectors with mineral parti-
 cles is assessed by determining variations in the
 hydrophobicity of their surface as the contact time be-
 tween the reagent and the minerals is varied. From
 the experimental results it is possible broadly to
 (Metallurgy, TT, v. 6, no. 11) (over)

61-28134

- I. Glembotskii, V. A.
- II. Pikkat-Ordynakaya, A. P.
- III. Title: Rate...
- IV. Title: Mineral...
- V. DSIR NT-843
- VI. DSIR LLU M.3192
- VII. Department of Scientific
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Klassen, V. I. and Meshcheryakov, N. F.
 FLOTATION METHODS OF PROCESSING: VACUUM
 FLOTATION OF FINE SLIMES. [1961] [9]p. 12 refs.
 Warren Spring Lab. Trans. NT 842; [DSIR LLU]
 M3191

Order from OTS or SLA \$1.10

61-28135

Trans. from Russ. Obogashchenie Poleznykh
 Iskopaemykh (Mineral Dressing) Moscow, 1960,
 sect. I, chap. 3.

DESCRIPTORS: *Flotation, Vacuum apparatus,
 Bubbles, Minerals, Ores, Particles, Solutions,
 Minerals, Processing.

A comparative experimental evaluation of the floatabil-
 ity of particles smaller than 10 μ by air-bubbles liber-
 ated from solution and by air-bubbles dispersed by
 mechanical agitation of the medium showed that the
 first method is much the more efficient. Flotation of
 (Metallurgy, TT, v. 6, no. 11) (over)

61-28135

- I. Title: Slimes
- I. Klassen, V. I.
- II. Meshcheryakov, N. F.
- III. Title: Vacuum...
- IV. Title: Mineral...
- V. DSIR NT-842
- VI. DSIR LLU M.3191
- VII. Department of Scientific
and Industrial Research
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Plaksin, I. N., Olofinski, N. F., and Norkin, V. V.
ELECTRICAL AND ELECTROMAGNETIC METHODS
OF PROCESSING: THE DISTRIBUTION OF
CHARGED PARTICLES ALONG THE EARTHED
ELECTRODE WITH GROUP MIGRATION IN THE
ELECTRIC FIELD OF A CORONA DISCHARGE.
[19(1) 19]p. 17 refs. Warren Spring Lab. Trans.
NT 845; [DSIR LLU] M3194.
Order from OTS or SLA \$1.60

61-28131

Trans. from mono. Obogashchente Poleznykh
Iskopaniykh (Mineral Dressing) Moscow, 1960,
sect. 1, chap. 4.

DESCRIPTORS: *Particles. Physical properties.
*Separation, Distribution, Electrodes, Voltage, Re-
covery. *Electrical corona. *Minerals, Processing.
*Electric fields. Ores, Coal.
(Metallurgy; TT, v. 6, no. 11)

(over)

61-28131

- I. Plaksin, I. N.
- II. Olofinski, N. F.
- III. Norkin, V. V.
- IV. Title: Distribution...
- V. Title: Mineral...
- VI. DSIR NT-845
- VII. DSIR LLU M. 3194
- VIII. Department of Scientific
and Industrial Research
(Gr. Brit.)

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61-27479

Nazarova, G. N., Okolovich, A. M., and
Plaksin, I. N.
FLOTATION DRESSING METHODS: THE USE OF
CERTAIN ALKYLARYL SULPHONATES FOR THE
FLOTATION OF POLYMETALLIC ORES. [1961] [9]p.
11 refs. Warren Spring Lab. Trans. NT 846;
DSIR LLU M3195.
Order from OTS or SLA \$1.10

61-27479

Trans. from mono. Obogashchenie Poleznykh
Iskopacmykh (Mineral Dressing) Moscow, 1960,
sect. II, chap. 2.

DESCRIPTORS: *Ores, *Flotation, *Sulfonates,
*Alkyl radicals, Benzyl radicals.

Of the individual products of a series of alkylaryl
sulphonates differing in the length of the hydrocarbon
radical. sodium dodecylbenzene sulphonate and tri-
decylbenzene sulphonate (C₁₂-12, C₁₃) were proved by
(Metallurgy, IT, v. 6, no. 9) (over)

- I. Nazarova, G. N.
- II. Okolovich, A. M.
- III. Plaksin, I. N.
- IV. Title: Use...
- V. Title: Mineral...
- VI. DSIR NT-846
- VII. DSIR LLU M.3195
- VIII. Department of Scientific
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Consommation d'Energie Dans le Broyeur a Boulets, by
N. P. Neronov. UNCL

RUSSIAN to FRENCH, per, Obogashcheniye Roud, No 1,
1957, pp 10-13.

IRSID T 1218
185, Rue President-Roosevelt
St. German-en-Laye
(3-et-0), France

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SHORSHER M. N.

Separating molybdenite-carrying concentrates by flotation
Über die Trennung molybdänhaltiger Kollektivkonzentrate
durch Flotation

Obogashchenie Rud, 3, No. 1, 3-12 (1958)

Ch, 1960/61, No. 105 - German

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Perlov, P. M.
THE HYDROLYSIS OF SODIUM CARBONATE
DURING LEACHING OF SCHEELITE IN AN AUTO-
CLAVE (Otkislozheniye Uglekislogo Natriya v Usloviyakh
Vyshechelachivaniya Sheelita v Avtoklave). [1962] [9]p.
(foreign text included); 4 refs.
Order from CDS or SDA \$1.15 63-10616

1. Title: Scheelite
1. Perlov, P. M.

Trans. of Gtologicheskii Rud (USSR) 1958 [v. 3]
no. 2[14] p. 32-34.

DESCRIPTORS: *Hydrolysis, *Sodium compounds,
*Carbonates, *Calcium compounds, *Tungstates,
Sterilizers, Electrical conductance, Measurement,
Chemical analysis, Minerals.

There is no appreciable hydrolysis of sodium carbonate
during the decomposition of calcium tungstate with
soda solutions at increased temperatures. The com-
(Chemistry--Physical, IT, v. 10, no. 2) (over)

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